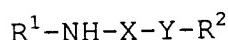


Abstract

The present invention relates to storage-stable sulfonated condensation products based on amino resin formers having at least two amino groups or naphthalene and also formaldehyde and, if desired, organic nitrogen bases, which further comprise, as nitrogen-containing formulation auxiliaries, compounds of the formula (I)



where

R^1 and R^2 are each, independently of one another, H, -CH₃, -C₂H₅, -C₃H₇, -(CH₂)_n-CH₂-

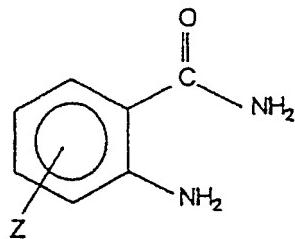
X = -CH₂, CO, CS

Y = S, NH, -(CH₂)_m-

n = 0 to 9

m = 1 to 4;

and/or compounds of the formula (II)



where

Z = -OCH₃, -SO₃H, -SO₃⁻N₂⁺, -NO₂, -NH₂, -NH-NH₂, -CO₂⁻Na⁺, -CHO,

and in which the molar ratio of amino resin former : formaldehyde : sulfite : nitrogen-containing formulation auxiliary is 1 : 1.9 - 6.0 : 1.0 - 2.0 : 0.01 - 1.5 and/or the molar ratio of naphthalenesulfonic acid : formaldehyde : nitrogen-containing formulation auxiliary is 1 : 0.7 - 3.0 : 0.01 - 1.5. Also described are a process for preparing

these condensation products and their use, in particular as additives for inorganic binders and for hydraulically setting dry mixes comprising these inorganic binders. Overall, the storage-stable sulfonated condensation products of the invention display, in particular, a significantly increased thermal stability.

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